

## ABSTRACT OF THE DISCLOSURE

In a color thermal printer, printing units for each color image are disposed along transporting path of recording sheet. In each printing unit, a thermal head and a platen roller are provided. Recording sheet is pressed on the thermal head by the platen roller and thermal head executes heat recording on recording sheet. The platen roller is provided with a pulse encoder for detecting transporting speed fluctuation amount thereof. Sheet transporting correction quantity is determined from a relation with the transporting speed fluctuation amount. The sheet transporting correction quantity is serially accumulated for the length of the recoding area, to correct recording start position of the color image to print next. Therefore, occurrence of registration deviation caused from heat deformation of the platen roller is suppressed, thereby to obtain high quality printing.